



# *CoastSmart* Communities Program

*Adaptive \* Ready \* Resilient*

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Chesapeake and Coastal Service  
Maryland Department of Natural Resources

National Adaptation Forum  
April 3, 2013

# CoastSmart Communities Program



- Develops and provides technical tools and skill-building opportunities to local communities to help incorporate coastal hazards into local policies and programs
  - *CoastSmart Communities Scorecard*
  - *CoastSmart Online Resource Center*
  - *Maryland's Coastal Atlas*
  - *Informational factsheets*
  - *CoastSmart Trainings*
- Provides financial support to local communities to help offset the cost of incorporating coastal hazards into planning efforts
  - *CoastSmart Communities Initiative*

# Components of CoastSmart



- Coastal Hazard Identification and Mapping



- Information, Training and Technical Assistance

CCP Grants Online



- Grants to Local Governments

# Identifying Coastal Hazards

Annapolis



Crisfield



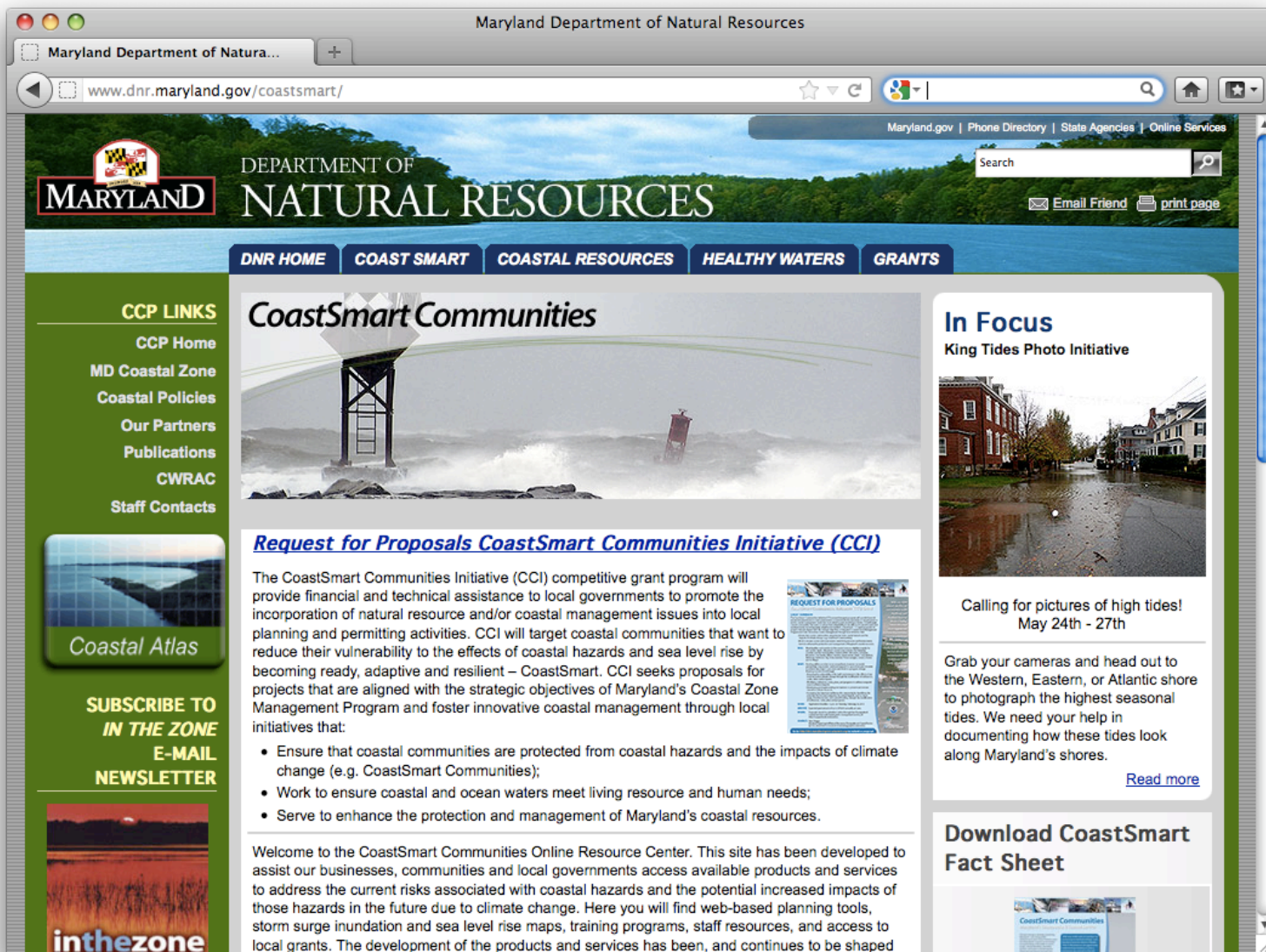
Shady Side



Elevation  
above mean  
sea level

- Current  
water level
- 0-5 ft
- 5-10 ft





Maryland Department of Natural Resources

www.dnr.maryland.gov/coastsmart/

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**DEPARTMENT OF NATURAL RESOURCES**

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**CCP LINKS**

- CCP Home
- MD Coastal Zone
- Coastal Policies
- Our Partners
- Publications
- CWRAC
- Staff Contacts

**Coastal Atlas**

**SUBSCRIBE TO IN THE ZONE E-MAIL NEWSLETTER**

**CoastSmart Communities**

**Request for Proposals CoastSmart Communities Initiative (CCI)**

The CoastSmart Communities Initiative (CCI) competitive grant program will provide financial and technical assistance to local governments to promote the incorporation of natural resource and/or coastal management issues into local planning and permitting activities. CCI will target coastal communities that want to reduce their vulnerability to the effects of coastal hazards and sea level rise by becoming ready, adaptive and resilient – CoastSmart. CCI seeks proposals for projects that are aligned with the strategic objectives of Maryland's Coastal Zone Management Program and foster innovative coastal management through local initiatives that:

- Ensure that coastal communities are protected from coastal hazards and the impacts of climate change (e.g. CoastSmart Communities);
- Work to ensure coastal and ocean waters meet living resource and human needs;
- Serve to enhance the protection and management of Maryland's coastal resources.

Welcome to the CoastSmart Communities Online Resource Center. This site has been developed to assist our businesses, communities and local governments access available products and services to address the current risks associated with coastal hazards and the potential increased impacts of those hazards in the future due to climate change. Here you will find web-based planning tools, storm surge inundation and sea level rise maps, training programs, staff resources, and access to local grants. The development of the products and services has been, and continues to be shaped

**In Focus**

**King Tides Photo Initiative**

Calling for pictures of high tides!  
May 24th - 27th

Grab your cameras and head out to the Western, Eastern, or Atlantic shore to photograph the highest seasonal tides. We need your help in documenting how these tides look along Maryland's shores.

[Read more](#)

**Download CoastSmart Fact Sheet**



# The *CoastSmart* Communities Scorecard

DRAFT

## A community self-assessment tool

This tool has been prepared by the Chesapeake & Coastal Service to provide Maryland's coastal communities a practical method to assess their preparedness to face the risks associated with coastal hazards and the potential increased impacts of those hazards in the future due to climate change

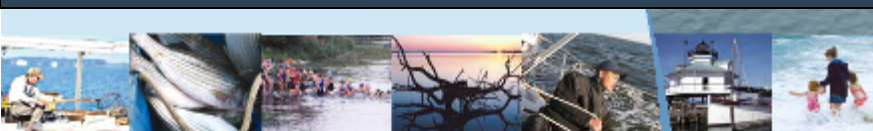




# Planning for Coastal Hazards



# CoastSmart Communities Initiative



## REQUEST FOR PROPOSALS

### CoastSmart Communities Initiative (CCI) Grant

#### GRANT SUMMARY

The CoastSmart Communities Initiative (CCI) competitive grant program will provide financial and technical assistance to local governments to promote the incorporation of natural resource and/or coastal management issues into local planning and permitting schemes. CCI will target coastal communities that want to reduce their vulnerability to the effects of coastal hazards and sea level rise by becoming resiliant, adaptive and resilient. CoastSmart, CCI seeks proposals for projects that are aligned with the strategic objectives of Maryland's Chesapeake & Coastal Program and foster innovative coastal management through local initiatives that:

- Ensure that coastal communities are protected from coastal hazards and the impacts of climate change (e.g., CoastSmart Communities);
- Work to ensure coastal and ocean waters meet living resource and human needs;
- Serve to enhance the protection and management of Maryland's coastal resources.

**WHO:** Municipalities and counties in the coastal zone are eligible to apply for and receive funds. Maryland's coastal zone includes the following counties and the municipalities located within: Worcester, Somerset, Wicomico, Dorchester, Talbot, Caroline, Queen Anne's, Kent, Cecil, Harford, Baltimore, Baltimore City, Annapolis, Prince Georges, Calvert, Charles and St. Mary's.

**WHAT:** Funding will be provided on an annual basis; however successful participants may receive continued support for up to three years in order to achieve the project's outcomes and result in a program change. Project proposals should target:

- Reducing the vulnerability of the built environment to the effects of sea level rise and/or climate change through the modification of ordinances, codes, plans, and programs;
- Modifying ordinances, codes, plans, and programs to address nonpoint source/pollution impacts;
- Developing and implementing mechanisms to preserve and restore natural or cultural resources;
- Increasing the long-term resilience of a community by identifying the potential risks from and preparing for coastal hazards, such as storm surge, shoreline erosion, and coastal flooding, through the modification of ordinances, codes, plans and programs.

**WHEN:** Application Deadline: 5pm on Thursday, **March 15, 2012**

**AMOUNT:** Expected grant awards of up to \$75,000 annually per year.




**WHERE:** Proposals should be submitted online through the Chesapeake & Coastal Program's web-based grants management service, CCP GRANTS ONLINE at: <http://ccpgrants.dnr.state.md.us>.

**CONTACT:** Jeff Allenby  
Maryland Department of Natural Resources, Chesapeake and Coastal Service  
(p) 410.260.8735 (f) 1.800.872.9129 (e) [jeff.allenby@dnr.state.md.us](mailto:jeff.allenby@dnr.state.md.us)

**Go to <http://dnr.maryland.gov/ccp/grants.asp> to submit a proposal**

Balancing human demands with conservation of the resources that make Maryland such a unique place to live, work and play

Martin O'Malley, Governor  
John R. Griffin, Secretary

- Provides financial and technical support to municipal and county governments to incorporate coastal hazard and climate change resiliency into local planning and policies
  - Since the initiative first began in 2008, the Maryland Coastal Management Program has awarded over \$500,000 to support projects in over 9 of its 114 coastal communities.
  - Often allows a community to address required planning activities while incorporating coastal hazard considerations
  - Can help increase the resilience of a community and reduce the long-term exposure to coastal hazard risks
- Reviewing 2013-2014 project proposals



# CoastSmart Communities Initiative



- Potential projects:
  - Update flood ordinances, building codes
  - Update hazard mitigation, comprehensive & Critical Areas
  - Update Capital Improvement Project plans
  - Apply to Community Rating System
  - Adopt a Sea Level Rise Overlay District

# Current Projects

- **Talbot County: Creating Flood Resilience in Talbot County (Started 9/10/10)**
  - Update and adopt new Floodplain regulations and adopted new FEMA Floodplain Maps
  - Conduct public outreach to pursue adoption of county hazard mitigation plan
  - Apply to FEMA's Community Rating System (CRS) Program
- **Queen Anne's County: Queen Anne's Coastal Resources and Floodplain Management (Started 10/1/12)**
  - Develop and adopt a new Chapter 14:3 Floodplain Ordinance
  - Identify repetitive loss properties and create mitigation strategies to reduce the exposure of coastal infrastructure in high hazard areas
  - Establish a community dialogue via public meeting(s).
- **Baltimore City: Creating a Ready and Resilient Baltimore City (Started 11/15/12)**
  - Develop and implement an integrated All-Hazards Mitigation Plan, floodplain mapping, and Adaptation Plan program
  - Complete a Climate Adaption Plan (CAP) to be adopted by the Planning Commission as an official Appendix to the AHMP
- **Calvert County: Enhancing Coastal Protection in Calvert County (Started 1/1/13)**
  - Develop and adopt a special area flood management plan for the Cove Point Community
  - Adopt Zoning Ordinance amendments (developed during a previous project period)
  - Adopt the County's Shoreline Development and Protection Plan
  - Apply FEMA's CRS program

So...



*Adaptive \* Ready \* Resilient*





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